

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No. 7210-1218:115

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CATEGORY: Flame Detector

LISTEE: Detector Electronics, 6901 W. 110th St., Minneapolis MN 55438
Contact: *Ed Brion (952) 746-9110 FAX (952) 944-1714

DESIGN: Eagle Quantum System for flame detection and local protective signaling or automatic release of extinguishing systems. Refer to listee's data sheet for detailed product description and operational considerations. System components:

EQ2100LCU	Local Control Unit
EQ2100LC	Logic Controller
EQ2100CG	Communication Gateway
EQ2100IM	Isolation Module
EQ2100LIOU	Local Input/Output Unit
EQ2100MR0	Mounting Rack
EQ2100LCUPS	Power Supply
EQ2200IDC	Initiating Device Circuit
EQ2200DCU, -DCUEX	Digital Communication Units
EQ2200UV	Ultraviolet Flame Detector
EQ2200UVIR	Ultraviolet/Infrared Flame Detector
Optional EQ2101MR	Mounting Rack
EQ2500ARM	Agent Release Module
EQ2500SAM	Signal Audible Module
EQ2400NE	Network Extender

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, voltage rating and FM label.

APPROVAL: Listed as a flame detector system. The EQ2100LCU Control Unit is suitable for use in Class I, Division 2, Groups A, B, C & D hazardous locations. The EQ2200IDC Initiating Device Circuit and EQ2200UV Ultraviolet Flame Detector are suitable for installation in Class I, Division 1, Group B, C and D, Class II/III, Division 1, Groups E, F, and G hazardous locations. For indoor/outdoor applications (NEMA 4 enclosures).

*Rev. 06-16-2003



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued:

JUNE 22, 2004

*Listing Expires **June 30, 2005***

Authorized By:

**DIANE K. AREND, Senior Deputy
Program Manager**